

1 ABSTRACT OF THE DISCLOSURE

2 A remote virtual network interface includes an Ethernet receiving element in  
3 communication with an Ethernet node. An Ethernet transmitting element is in  
4 communication with the Ethernet node. An InfiniBand receiving element receives a data  
5 packet from a first InfiniBand node. The data packet includes a destination indicator. A  
6 detector is included to read the destination indicator and to compare the destination  
7 indicator to a known value.

8 If the destination indicator matches the known value, a routing element may  
9 deliver the data packet from the InfiniBand receiving element to an InfiniBand  
10 transmitting element. The InfiniBand transmitting element is included to transmit the  
11 data packet from the first InfiniBand node to a second InfiniBand node. On the other  
12 hand, if the destination indicator does not match the known value, the Ethernet  
13 transmitting element may deliver the data packet to the Ethernet node.